

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims:

1. (Currently Amended)      A cooling ~~Cooling~~ air supply system (40) for an aircraft and configured to for the supply ~~[[of]]~~ cooling air from the surroundings of the aircraft ~~surrounds~~ to at least two devices requiring cooling air (38, 44, 56) within the aircraft, the cooling air supply system comprising: [[with]]
  - an air inlet (12),
  - an air channel (46) communicating with the air inlet, ~~(12) and~~
  - an air distribution device (30, 32, 34) for the distribution of air from the air channel to the at least two devices requiring cooling air (38, 44, 56), and
    - at least one shutter disposed in the air distribution device and configured to throttle the distribution of air to the at least two devices requiring cooling air.

whereby the air inlet is sized to provide sufficient air flow to accommodate a (12) ~~is proportioned in such a way, that it covers the~~ maximum cooling air requirement of the at least two devices requiring cooling air (38, 44, 56).
2. (Currently Amended)      A cooling ~~Cooling~~ air supply system (40) in accordance with claim 1, characterized ~~characterised~~ in that the air inlet is a National Advisory Committee for Aeronautics (NACA) ~~in the form of an NACA~~ air inlet (12) in an outer skin (14) of the aircraft.

3. (Currently Amended)      A cooling ~~Cooling~~ air supply system (10) in accordance with claim 1, characterized ~~characterised~~ in that the air channel communicating with the air inlet (12) has a diffuser (16).

4. (Currently Amended)      A cooling ~~Cooling~~ air supply system (10) in accordance with claim 3, characterized ~~characterised~~ in that there is at least one air compressor (26), preferably a ventilator, in the diffuser (16) or in one of the first bypass lines (20) leading off from the diffuser (16).

5. (Currently Amended)      A cooling ~~Cooling~~ air supply system (10) in accordance with claim 4, characterized ~~characterised~~ in that the air compressor (26) is electrically powered or in the form of a turbo-compressor.

6. (Currently Amended)      A cooling ~~Cooling~~ air supply system (10) in accordance with claim 3, characterized ~~characterised~~ in that a check valve (22) is provided in the diffuser (16) or in one of the second bypass lines (18) leading off from the diffuser (16), which prevents the cooling air from flowing back into the diffuser (16).

7. (Currently Amended)      A cooling ~~Cooling~~ air supply system (10) in accordance with claim 6, characterized ~~characterised~~ in that the first bypass line (20) and the second bypass line (18) are arranged in parallel.

8. (Currently Amended)      A cooling ~~Cooling~~ air supply system (10) in accordance with claim 3, characterized ~~characterised~~ in that a cooling air collection chamber is located downstream of

(28) joins onto the diffuser and (16), preferably following the parallel arrangement of the first and second bypass line (20, 18).

9. (Currently Amended)     A cooling ~~Cooling~~ air supply system (40) in accordance with claim 8, characterized ~~characterised~~ in that there is at least one cooling air supply line (30, 32, 34) positioned between the cooling air collection chamber (28) and each of the devices requiring cooling air (38, 44, 56).

10. (Canceled).

11. (Currently Amended)     A cooling ~~Cooling~~ air supply system (40) in accordance with claim 1, characterized ~~characterised~~ in that a pack bay ventilation system is the device requiring cooling air (38).

12. (Canceled).

13. (Currently Amended)     A cooling ~~Cooling~~ air supply system (40) in accordance with claim 1, characterized ~~characterised~~ in that an on board oxygen generation system (OBOGS) (44) is the device requiring cooling air.

14. (Canceled).

15. (Currently Amended)     A cooling ~~Cooling~~ air supply system (10) in accordance with claim 1, ~~characterized~~ characterised in that the device requiring cooling air ~~includes, in particular the on-board oxygen generation system (OBOGS) and/or the on-board inert gas generation system (OBIGGS)~~ has a heat exchanger (44, 56) which uses the cooling air in order to eliminate heat.

16. (Currently Amended)     A cooling ~~Cooling~~ air supply system (10) in accordance with claim 1, ~~characterized~~ characterised in that ~~the~~ at least two devices requiring cooling air are connected with a common cooling air outlet (52) by means of expelled air pipes (48, 60, 50).

17. (Currently Amended)     An aircraft comprising: ~~Aircraft characterised by~~  
an outer skin;  
at least two devices requiring cooling air; and  
a cooling air supply system including: ~~(10) in accordance with claim 1~~  
an air inlet at the outer skin,  
an air channel communicating with the air inlet,  
an air distribution device for the distribution of air from the air channel to the at  
least two devices requiring cooling air, and  
at least one shutter disposed in the air distribution device and configured to  
throttle the distribution of air to the at least two devices requiring cooling air,  
whereby the air inlet is sized to provide sufficient air flow to accommodate a  
maximum cooling air requirement of the at least two devices requiring cooling air.